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(54) Apparatus for manufacturing mineral reinforced thermoplastic moulding material.

(57)

The invention relates to an apparatus for incorporating mineral filling and reinforcing materials into thermoplastic moulding materials in the form of an extruder having screws which are arranged in a barrel bore, rotate in a self-cleaning intermeshing manner and in the same direction, form, in the transport direction, a feed zone, a plasticating and mixing zone and, in addition to a homogenisation zone, a discharge zone, the plasticating and kneader-mixing region of the extruder screw being formed by blade elements (11, 12) and a downstream melt restrictor (14) ensuring a pressure build-up in the blade elements. Moulded bodies produced from the moulding compositions thus treated have no optical defects on their surfaces. <IMAGE>

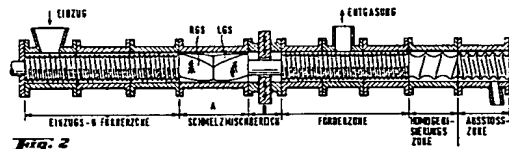


Fig. 2

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